

December 7, 2006

MEMORANDUM

To: Dr. Layton R. McCurdy, Chairman, and Members, Commission on Higher Education

From: Dr. Bettie Rose Horne, Chairperson, and Members, Committee on Academic Affairs and Licensing

**Consideration of Request to Amend License
for Additional Location in Columbia
ITT Technical Institute, Carmel, IN**

Summary

ITT Technical Institute <http://www.itt-tech.edu> requests approval of an amendment to its license to offer programs leading to the A.A.S. degree in (1) Computer Drafting and Design, (2) Computer and Electronics Engineering Technology, and (3) Information Technology; B.S. degree in (1) Construction Management, (2) Criminal Justice, and (3) Information Systems Security. With the approval of the Commission and with an acceptable number of enrollments, ITT plans to implement the programs in February 2007.

ITT is a network of 87 co-educational, non-denominational, private, for-profit, career schools in 33 states operated by ITT Educational Services, Inc. (ESI), a Delaware corporation. ESI is a publicly traded corporation. ITT Technical Institutes are operating units of ESI and are not separately incorporated entities. ITT is accredited by the Accrediting Council for Independent Colleges and Schools (ACICS).

The Commission has licensed ITT Technical Institute in Greenville since July 9, 1992. As of June 30, 2006, the Greenville branch enrolled 425 students in programs leading to the A.A.S. degree in Computer and Electronics Engineering, Computer Drafting and Design, and Information Technology. It also offers programs leading to the B.S. degree in Digital Entertainment and Game Design, Electronics and Communications Engineering Technology,

Information Systems Security, and Technical Project Management.

For admission, an individual must (1) exceed the age of compulsory school attendance; (2) possess a high school diploma or GED; (3) score a minimum of 13 on the Wonderlic Scholastic Level Exam; or score, within the immediate preceding five years, a minimum of 17 on the ACT or 400 each on both the verbal and math portions of the SAT, or have earned either 36 quarter credit hours with an overall cumulative grade point average of 2.0 on a 4.0 grading scale from an educational institution located (a) in the U.S. that is accredited by an accrediting agency recognized by the U.S. Department of Education or (b) outside the U.S. that is accredited or similarly acknowledged by an agency deemed acceptable to the school in its discretion; and (4) pass an individual interview with the registrar of the school, if requested.

The student must have obtained an overall cumulative grade point average of 2.0 on a 4.0 scale in all transfer courses. Not more than 90 quarter credit hours may be transferred from a two-year institution. Tuition is \$405 per credit hour and on March 1, 2007, will increase to \$425 per credit hour.

Faculty must have completed at least 18 graduate semester hours in the teaching discipline and must hold at least a master's degree or the minimum of the master's degree with a major in the teaching discipline. The chief academic officer, the department chairpersons, and an appropriate number of faculty members hold terminal degrees. Each degree must be from an institution accredited by an accrediting body recognized by the U.S. Department of Education.

At the Columbia branch, the institution will employ full-time staff as follows: director, dean, associate dean, chairperson in each discipline, and librarian.

ITT has entered into a three-year lease agreement for 12,958 square feet at the Stephenson Center (off Greystone Boulevard), 720 Gracern Road, Suite 120, Columbia. The space is being retrofitted to house five theory classrooms and three laboratories, administrative offices, student and staff lounges, and the library.

The following are brief descriptions of the programs. Curricula outlines for each program are shown in the attached Excel file [ITTCurriculaOutlines](#).

A.A.S., Computer Drafting and Design

The program leading to the A.A.S. degree in Computer Drafting and Design combines computer-aided drafting with conventional methods of graphic communication to solve drafting and basic design-related problems. Students will be exposed to both classroom theory and laboratory projects. In addition, students will be required to create a variety of drawings of various sizes on different drawing media, and will use conventional as well as computer-aided drafting equipment. Graduates may begin careers in a variety of entry-level positions in various

fields involving drafting and design, some of which include mechanical drafting, piping drafting, architectural and construction drafting, civil drafting, interior design, illustration and design detailing. ITT officials project enrolling 23 students to begin the program in September 2008 and adding approximately 50 new students in 2009. The curriculum consists of a total of 96 quarter credit hours, 56 in the major, 28 in general education, and 12 in technical basics.

A.A.S., Computer and Electronics Engineering Technology

The program leading to the A.A.S. degree in Computer and Electronics Engineering Technology teaches certain circuits, systems, and specialized techniques used in electronics and computer technology career fields. It also exposes students to a combination of classroom theory and practical application in a laboratory environment. This program can help graduates begin careers in a variety of entry-level positions in various fields involving electronics and computers. These may include such positions as technician, electronics technician, field service representative, salesperson, and computer technician. ITT officials project enrolling 15 students to begin the program in March 2007, and adding 15 to 35 each term thereafter. The curriculum consists of a total of 96 quarter credit hours, 52 in the major, 32 in general education, and 12 in technical basics.

A.A.S., Information Technology

The program leading to the A.A.S. degree in Information Technology allows options in Computer Network Systems, Multimedia, Software Applications and Programming, and Web Development. ITT officials project enrolling 20 students to begin the program in March 2007 and adding 20 to 50 students each term thereafter. The curriculum consists of a total of 96 quarter credit hours, 56 in the major, 28 in general education, and 12 in technical basics.

The Computer Network Systems option can help students prepare to perform tasks associated with upgrading computer systems and developing wide area and local area network capabilities. This program explores a variety of computer networks. Additional curriculum topics, investigated through classroom theory and practical applications in a laboratory environment, include network operating systems and network systems design and implementation. This program can help graduates begin careers in a variety of entry-level positions in various fields involving IT and computer network systems. These may include such positions as network administrator, WAN specialist, web server administrator, Linux specialist or network technician.

The Multimedia option of the IT program can help graduates prepare to perform tasks associated with designing and creating interactive multimedia communications. Additional curriculum topics, investigated through classroom and laboratory experiences, include introductory computer programming, multimedia applications and other related technical

subjects. Information Technology (Multimedia) consists of a foundation core of computing and general education courses, followed by studies in multimedia applications.

Software engineering represents the human intelligence behind all computerized functions and capabilities. Every activity carried out by a computer, whether to perform surgery or play a video game, is dictated by software written in a language a computer can read and understand. The Software Engineering Technology option teaches students key components of common technologies and skills that are used in software engineering. Graduates of this program may pursue career opportunities in a variety of entry-level positions, including software developer, software programmer, application developer, Web application developer, software engineer, software applications analyst, Web applications analyst, Web applications specialist, and software applications specialist.

The Web Development option of the IT program can help graduates prepare to perform tasks associated with designing, creating and maintaining Web sites. Additional curriculum topics, investigated through classroom and laboratory experiences, include Web authoring with appropriate scripting and/or coding tools, Web application of database technology and other related technical subjects. Information Technology (Web Development) consists of a foundation core of computing and general education courses, followed by studies in Web development applications.

B.S., Construction Management

The program leading to the B.S. degree in Construction Management covers the fundamentals and foundation in construction management, construction techniques, and legal issues relating to the construction management field. Areas of study include building codes, site construction and measurement, construction documents, emergency efficiency, environmental protection, construction project management, and construction safety management. Students acquire skills to enter the workplace as a versatile member of the construction team. Graduates may be employed as assistant construction manager, project manager, assistant project manager, scheduler, constructor, home building construction manager, and cost estimator. ITT officials project enrolling 21 students to begin the program in June 2008, adding 15 in September 2008, and 20 to 25 each term thereafter. The curriculum consists of a total of 180 quarter credit hours, 108 in the major, 60 in general education, and 12 in general electives.

B.S., Criminal Justice

The program leading to the B.S. degree in Criminal Justice teaches fundamentals of the criminal justice system and criminal justice skills. The program offers a foundation in criminal law, legal procedures, criminal evidence, and criminology. Areas of study include law enforcement, the courts, and corrections. The upper-level courses include more in-depth study of the criminal justice systems and instruction in areas such as criminalistics, victimology, and

computer forensics. Graduates of this program may pursue careers in a variety of entry-level positions involving criminal justice, including local, state and federal law enforcement jobs in policing, crime commissions, parole and probation, corrections, and court systems. The program also offers the academic preparation to pursue a broad spectrum of criminal justice careers in the private sector involving workplace security, private investigations, and insurance investigations as private detectives, safety officers and security patrol officers. ITT officials project enrolling 15 students to begin the program in June 2007, adding 15 in September 2007, 15 in December 2008, 23 in June 2009, and 15 in December 2009. The curriculum consists of a total of 180 quarter credit hours, 108 in the major, 60 in general education, and 12 in technical basics.

B.S., Information System Security

The program leading to the B.S. degree in Information System Security teaches analysis, design, and implementation of security systems. Employees with knowledge of information systems security are now considered to be an important part of many information technology infrastructure teams. Graduates of the Information Systems Security program will have a credential that can help them pursue career opportunities in a variety of entry-level positions involving information systems security, some of which may include: security professionals as part of software development and information technology infrastructure teams; security technicians working with Internet service providers, application service providers, and systems integrators; and security auditors. The program covers both management and technical aspects of this field. ITT officials project enrolling 15 students to begin the program in March 2008 and adding eight to 15 each term thereafter. The curriculum consists of a total of 180 quarter credit hours, 94 in the major, 56 in general education, and 30 in electives.

Recommendation

The Committee on Academic Affairs and Licensing recommend that the Commission approve amendment to the license of ITT Technical Institution to offer at a new branch in Columbia programs leading to the Associate of Applied Science in (1) Computer Drafting and Design, (2) Computer and Electronics Engineering Technology, and (3) Information Technology; and programs leading to the Bachelor of Science in (1) Construction Management, (2) Criminal Justice, and (3) Information Systems Security for implementation in February 2007. The Committee further recommends that the Commission delegate to the staff authorization to license the site in Columbia when the facility has been developed.